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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of

WAKAMATSU

Atty. Ref.: 4496-8; Confirmation No. 9544

Appl. No. 10/520,159

TC/A.U. 1754

Filed: February 14, 2005

Examiner:

For: MOBILE TELEPHONE SYSTEM USING LOCAL COMMUNICATION NETWORK

\* \* \* \* \*

May 5, 2005

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**SUBMISSION OF PCT/IB/338 AND PCT/IPEA/409**

Submitted herewith are English language versions of Form PCT/IB/338 and  
PCT/IPEA/409 in this case.

Respectfully submitted,

**NIXON & VANDERHYE P.C.**

By: \_\_\_\_\_

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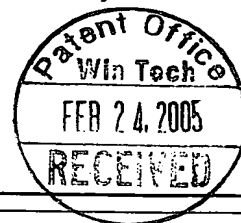
From the INTERNATIONAL BUREAU

**PCT****NOTIFICATION OF TRANSMITTAL  
OF COPIES OF TRANSLATION  
OF THE INTERNATIONAL PRELIMINARY  
EXAMINATION REPORT**

(PCT Rule 72.2)

To:

ODA, Fujio  
4th FL., Wenping Kanda BLDG., 6-7, Kanda Kajicho  
3-chome  
Chiyoda-ku, Tokyo 101-0045  
JAPON



|   |   |
|---|---|
| Date of mailing (day/month/year)<br>17 February 2005 (17.02.2005) |   |
| Applicant's or agent's file reference<br>JJP03-8781               | <b>IMPORTANT NOTIFICATION</b>   |
| International application No.<br>PCT/JP2003/008501                | International filing date (day/month/year)<br>03 July 2003 (03.07.2003) |
| Applicant<br>SHOW ENGINEERING INC. et al                          |   |

**1. Transmittal of the translation to the applicant.**

The International Bureau transmits herewith a copy of the English translation made by the International Bureau of the international preliminary examination report established by the International Preliminary Examining Authority.

**2. Transmittal of the copy of the translation to the elected Offices.**

The International Bureau notifies the applicant that copies of that translation have been transmitted to the following elected Offices requiring such translation:

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**3. Reminder regarding translation into (one of) the official language(s) of the elected Office(s).**

The applicant is reminded that, where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary examination report.

**It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned (Rule 74.1). See Volume II of the PCT Applicant's Guide for further details.**

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**Translation**

**PATENT COOPERATION TREATY**

PCT/JP2003/008501



**PCT**

**INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY**  
(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

|   |  |  |
|---|--|--|
| Applicant's or agent's file reference<br><b>JJP03-8781</b>  | <b>FOR FURTHER ACTION</b> See Form PCT/IPEA/416                                |  |
| International application No.<br><b>PCT/JP2003/008501</b>   | International filing date (day/month/year)<br><b>03 July 2003 (03.07.2003)</b> | Priority date (day/month/year)<br><b>05 July 2002 (05.07.2002)</b> |
| International Patent Classification (IPC) or national classification and IPC<br><b>H04M 3/00, H04Q 7/38</b> |  |  |
| Applicant<br><b>SHOW ENGINEERING INC.</b>   |  |  |

1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.

2. This REPORT consists of a total of 3 sheets, including this cover sheet.

3. This report is also accompanied by ANNEXES, comprising:

a. ☒ (sent to the applicant and to the International Bureau) a total of 20 sheets, as follows:

☒ sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).

☐ sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.

b. ☐ (sent to the International Bureau only) a total of (indicate type and number of electronic carrier(s)) \_\_\_\_\_, containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).

4. This report contains indications relating to the following items:

☒ Box No. I Basis of the report

☐ Box No. II Priority

☐ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability

☐ Box No. IV Lack of unity of invention

☒ Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

☐ Box No. VI Certain documents cited

☐ Box No. VII Certain defects in the international application

☐ Box No. VIII Certain observations on the international application

|  |   |
|--|---|
| Date of submission of the demand<br><b>05 February 2004 (05.02.2004)</b> | Date of completion of this report<br><b>31 August 2004 (31.08.2004)</b> |
| Name and mailing address of the IPEA/JP                                  | Authorized officer  |

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/JP2003/008501

## Box No. I Basis of the report

1. With regard to the language, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.

- ☐ This report is based on translations from the original language into the following language \_\_\_\_\_, which is language of a translation furnished for the purpose of:
- ☐ international search (under Rules 12.3 and 23.1(b))
- ☐ publication of the international application (under Rule 12.4)
- ☐ international preliminary examination (under Rules 55.2 and/or 55.3)

2. With regard to the elements of the international application, this report is based on *(replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report)*:

- ☐ The international application as originally filed/furnished
- ☒ the description:
- pages \_\_\_\_\_ 18-24 \_\_\_\_\_, as originally filed/furnished
- pages\* \_\_\_\_\_ 1-17 \_\_\_\_\_ received by this Authority on \_\_\_\_\_ 05 February 2004 (05.02.2004)
- pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- ☒ the claims:
- pages \_\_\_\_\_, as originally filed/furnished
- pages\* \_\_\_\_\_, as amended (together with any statement) under Article 19
- pages\* \_\_\_\_\_ 1-14 \_\_\_\_\_ received by this Authority on \_\_\_\_\_ 05 February 2004 (05.02.2004)
- pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- ☒ the drawings:
- pages \_\_\_\_\_ 1-11 \_\_\_\_\_, as originally filed/furnished
- pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- ☐ a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.

3. ☐ The amendments have resulted in the cancellation of:

- ☐ the description, pages \_\_\_\_\_
- ☐ the claims, Nos. \_\_\_\_\_
- ☐ the drawings, sheets/figs \_\_\_\_\_
- ☐ the sequence listing (*specify*): \_\_\_\_\_
- ☐ any table(s) related to sequence listing (*specify*): \_\_\_\_\_

4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).

- ☐ the description, pages \_\_\_\_\_
- ☐ the claims, Nos. \_\_\_\_\_
- ☐ the drawings, sheets/figs \_\_\_\_\_
- ☐ the sequence listing (*specify*): \_\_\_\_\_
- ☐ any table(s) related to sequence listing (*specify*): \_\_\_\_\_

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/JP03/08501

**Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**

## 1. Statement

|                               |        |      |     |
|-------------------------------|--------|------|-----|
| Novelty (N)                   | Claims | 1-14 | YES |
|                               | Claims |      | NO  |
| Inventive step (IS)           | Claims | 1-14 | YES |
|                               | Claims |      | NO  |
| Industrial applicability (IA) | Claims | 1-14 | YES |
|                               | Claims |      | NO  |

## 2. Citations and explanations (Rule 70.7)

Document 1: JP, 10-257103, A (Matsushita Electric Industrial Co., Ltd.), September 25, 1998 (09.25.98), Figs. 1-6, Paragraphs 0006, 0020, 0032 and 0082-0097 (Family: none)

Document 2: JP, 11-150753, A (Nippon Telegraph and Telephone Corporation), June 2, 1999 (06.02.99), Paragraph 0012 (Family: none)

Document 3: JP, 11-27724, A (Matsushita Electric Industrial Co., Ltd.), January 29, 1999 (01.29.99), Fig. 3, Paragraphs 0027-0029 (Family: none)

Document 4: JP, 11-243427, A (Nippon Telegraph and Telephone Corporation), September 7, 1999 (09.07.99), Fig. 9 (Family: none)

Document 5: JP, 2000-308128, A (Uniden Corp.), November 2, 2000 (11.02.00), Paragraph 0021 (Family: none)

Document 6: JP, 2001-156940, A (Miyoshi Electronics Corp.), June 8, 2001 (06.08.01), Fig. 1, Paragraph 0001 (Family: none)

Document 7: JP, 2002-502156, A (Thomson Consumer Electronics, Inc.), January 22, 2002 (01.22.02), Paragraphs 0010-0014 and 0028 & WO, 99/38311, A1 & EP, 1050155, A1

## Claims 1-14

None of the documents 1-7 listed in the ISR describes nor suggests a mobile telephone system comprising connection control devices disposed respectively in a plurality of local communication networks, an integration exchange server connected via each connection control device and private internet network, a plurality of communication stations that function as PHS parent devices and a plurality of mobile terminals that function as PHS child devices, wherein a plurality of IP addresses are provided respectively to a plurality of communication stations and an IP address control section that controls IP addresses applied to the mobile terminals connected to the connection control devices is provided.